

## WHAT IS CLAIMED IS:

1. An electronic medical record information management system, comprising:

an electronic medical record information managing means; and  
an electronic medical record showing means, wherein:

5 said electronic medical record information managing means stores electronic medical records of patients that are transmitted from said electronic medical record showing means every patient, and transmits one or more of said electronic medical records of said patients storing in said electronic medical record information managing means by  
10 a request transmitted from said electronic medical record showing means to said electronic medical record showing means, and

said electronic medical record showing means transmits electronic medical records of patients that are made by a user to said electronic medical record information managing means, and transmits a  
15 request of said user to transmit one or more of said electronic medical records of said patients to said electronic medical record information managing means, and shows one or more of said electronic medical records of said patients transmitted from said electronic medical record information managing means to said user.

2. An electronic medical record information management system, comprising:

at least one of an electronic medical record information managing means;

5 plural electronic medical record showing means; and  
a communication network that connects at least one of said electronic medical record information managing means to said plural electronic medical record showing means, wherein:

each of said plural electronic medical record showing means,

10 comprising:

a first communication unit for connecting to said communication network; and

at least one of a first electronic medical record terminal that makes electronic medical records of patients and transmits said  
15 electronic medical records of said patients to said electronic medical record information managing means through said first communication unit and said communication network, and makes a request of a user to transmit one or more of said electronic medical records of said patients storing in said electronic medical record information managing means,  
20 and transmits said request to said electronic medical record information managing means through said first communication unit, and shows one or more of said electronic medical records transmitted from said electronic medical record information managing means to said user, and

said electronic medical record information managing means,  
25 comprising:

a second communication unit for connecting to said communication network;

an electronic medical record storing server that stores said electronic medical records of said patients that were transmitted from  
30 said electronic medical record showing means; and

a control server that obtains one or more of said electronic medical records storing in said electronic medical record storing server by said request of said user transmitted from said electronic medical record showing means, and transmits obtained one or more of said  
35 electronic medical records to said electronic medical record showing means through said second communication unit.

3. An electronic medical record information management system in accordance with claim 2, wherein:

said first electronic medical record terminal further adds some information to each of said electronic medical records and transmits said  
 5 electronic medical records added some information to said electronic medical record information managing means through said first communication unit, and

said control server further makes said electronic medical record storing server store said electronic medical records received from  
 10 said electronic medical record showing means through said second communication unit

4. An electronic medical record information management system, comprising:

at least one of an electronic medical record information managing means;

5 plural electronic medical record showing means; and

a communication network that connects at least one of said electronic medical record information managing means to said plural electronic medical record showing means, wherein:

each of said plural electronic medical record showing means,  
 10 comprising:

a first communication unit for connecting to said communication network;

an electronic medical record temporarily storing server that stores electronic medical records temporarily and transmits said  
 15 electronic medical records to said electronic medical record information managing means through said first communication unit and receives electronic medical records from said electronic medical record information managing means through said first communication unit and stores received said electronic medical records temporarily; and

20 at least one of a second electronic medical record terminal that

makes electronic medical records of patients and transmits said electronic medical records of said patients to said electronic medical record temporarily server, and makes a request of a user to transmit one or more of said electronic medical records of said patients storing in said  
25 electronic medical record temporarily storing server, and transmits said request to said electronic medical record temporarily storing server, and shows one or more of said electronic medical records transmitted from said electronic medical record temporarily storing server to said user, wherein:

30 said electronic medical record temporarily storing server searches one or more of said electronic medical records requested by said second electronic medical record terminal in said electronic medical record temporarily storing server, and

when one or more of said electronic medical records requested  
35 by said second electronic medical record terminal are not stored in said electronic medical record temporarily storing server, said electronic medical record temporarily storing server transmits said request to said electronic medical record information managing means through said first communication unit, and transmits one or more of said electronic medical  
40 records received from said electronic medical record information managing means through said first communication unit to said second electronic medical record terminal, and

said electronic medical record information managing means, comprising:

45 a second communication unit for connecting to said communication network;

an electronic medical record storing server that stores said electronic medical records of said patients that were transmitted from said electronic medical record showing means; and

50 a control server that obtains one or more of said electronic

medical records storing in said electronic medical record storing server by said request of said user transmitted from said electronic medical record showing means, and transmits obtained one or more of said electronic medical records to said electronic medical record showing means through said second communication unit.

5. An electronic medical record information management system in accordance with claim 4, wherein:

said second electronic medical record terminal further adds some information to each of said electronic medical records and transmits said electronic medical records added some information to said electronic medical record temporarily storing server,

said electronic medical record temporarily storing server transmits said electronic medical records received from said second electronic medical record terminal to said electronic medical record information managing means through said first communication unit after a designated time passed, and

said control server further makes said electronic medical record storing server store said electronic medical records received from said electronic medical record showing means through said second communication unit

6. An electronic medical record information management system in accordance with claim 5, wherein:

said electronic medical record temporarily storing server stores said electronic medical records until said electronic medical record information managing means stores said electronic medical records.

7. An electronic medical record information management system in accordance with claim 5, wherein:

said control server makes said electronic medical record showing means delete said electronic medical records storing in said electronic medical record showing means after said electronic medical records were stored in said electronic medical record storing server.

8. An electronic medical record information management system in accordance with claim 2, wherein:

said control server judges whether said user who transmitted said request is a user who has a first access right or not, and when said user has said first access right, said control server obtains said electronic medical record of said patient designated by said request from said electronic medical record storing server.

9. An electronic medical record information management system in accordance with claim 4, wherein:

said control server judges whether said user who transmitted said request is a user who has a first access right or not, and when said user has said first access right, said control server obtains said electronic medical record of said patient designated by said request from said electronic medical record storing server.

10. An electronic medical record information management system in accordance with claim 8, wherein:

said electronic medical record showing means, further comprising:

a first access right information making unit that transmits first access right information with which said control server judges whether said user has said first access right or not to said electronic medical record information managing means through said first communication unit, wherein:

10       said control server judges whether said user who transmitted  
said request is said user who has said first access right or not, based on  
said first access right information received from said electronic medical  
record showing means through said second communication unit.

11.   An electronic medical record information management  
system in accordance with claim 9, wherein:

      said electronic medical record showing means, further  
comprising:

5       a first access right information making unit that transmits  
first access right information with which said control server judges  
whether said user has said first access right or not to said electronic  
medical record information managing means through said first  
communication unit, wherein:

10       said control server judges whether said user who transmitted  
said request is said user who has said first access right or not, based on  
said first access right information received from said electronic medical  
record showing means through said second communication unit.

12.   An electronic medical record information management  
system in accordance with claim 3, wherein:

5       said control server judges whether said user who transmitted  
said request is a user who has a second access right or not, and when  
said user has said second access right, said control server makes said  
electronic medical record storing server store said electronic medical  
records.

13.   An electronic medical record information management  
system in accordance with claim 5, wherein:

      said control server judges whether said user who transmitted

5 said request is a user who has a second access right or not, and when said user has said second access right, said control server makes said electronic medical record storing server store said electronic medical records.

14. An electronic medical record information management system in accordance with claim 12, wherein:

said electronic medical record showing means, further comprising:

5 a second access right information making unit that transmits second access right information with which said control server judges whether said user has said second access right or not to said electronic medical record information managing means through said first communication unit, wherein:

10 said control server judges whether said user who transmitted said request is said user who has said second access right or not, based on said second access right information received from said electronic medical record showing means through said second communication unit.

15. An electronic medical record information management system in accordance with claim 13, wherein:

said electronic medical record showing means, further comprising:

5 a second access right information making unit that transmits second access right information with which said control server judges whether said user has said second access right or not to said electronic medical record information managing means through said first communication unit, wherein:

10 said control server judges whether said user who transmitted said request is said user who has said second access right or not, based

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on said second access right information received from said electronic medical record showing means through said second communication unit.

16. An electronic medical record information management system in accordance with claim 2, wherein:

said electronic medical record includes original data before new data are added.

17. An electronic medical record information management system in accordance with claim 4, wherein:

said electronic medical record includes original data before new data are added.

18. An electronic medical record information management system in accordance with claim 2, wherein:

when data are transmitted between said electronic medical record information managing means and said electronic medical record showing means, said data are encrypted and said encrypted data are transmitted, and

when data are received at said electronic medical record information managing means and said electronic medical record showing means, said data are decrypted.

19. An electronic medical record information management system in accordance with claim 4, wherein:

when data are transmitted between said electronic medical record information managing means and said electronic medical record showing means, said data are encrypted and said encrypted data are transmitted, and

when data are received at said electronic medical record

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information managing means and said electronic medical record showing means, said data are decrypted.

20. An electronic medical record information management system in accordance with claim 2, wherein:

said electronic medical record information managing means,  
further comprising:

a charging server that calculates a using charge of said electronic medical record information managing means by each of said plural electronic medical record showing means and charges said using charge to each of said plural electronic medical record showing means.

21. An electronic medical record information management system in accordance with claim 4, wherein:

said electronic medical record information managing means,  
further comprising:

a charging server that calculates a using charge of said electronic medical record information managing means by each of said plural electronic medical record showing means and charges said using charge to each of said plural electronic medical record showing means.

22. An electronic medical record information management method, comprising the steps of:

making electronic medical records of patients by a user at a hospital information system;

storing said electronic medical records made by said user in said hospital information system;

transmitting said electronic medical records of said patients storing in said hospital information system to an electronic medical record information management center system;

10 storing said transmitted electronic medical records of said patients at said electronic medical record information management center system;

transmitting one or more of said electronic medical records of said patients to said hospital information system when one or more of  
15 said electronic medical records of said patients are requested by said user;

storing said transmitted one or more of said electronic medical records of said patients at said hospital information system; and

showing stored one or more of said electronic medical records  
20 of said patients to said user at said hospital information system.

23. An electronic medical record information management method in accordance with claim 22, further comprising the step of:

judging whether said user who requested to transmit one or more of said electronic medical records of said patients has a first access  
5 right or not, wherein:

when said user has said first access right, said requested one or more of said electronic medical records are transmitted to said hospital information system.

24. An electronic medical record information management method in accordance with claim 22, further comprising the steps of:

deleting said electronic medical records of said patients made and stored in said hospital information system, after said electronic  
5 medical records were transmitted to said electronic medical record information management center system; and

deleting one or more of said electronic medical records transmitted and stored in said hospital information system, when a designated time passed after showing one or more of said electronic

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10 medical records to said user.

25. An electronic medical record information management method in accordance with claim 22, further comprising the step of:

judging whether said user who requested to transmit one or more of said electronic medical records of said patients has a second  
5 access right or not, wherein:

when said user has said second access right, said electronic medical records made and transmitted from said hospital information system are stored in said electronic medical record information management center system.

26. An electronic medical record information management method in accordance with claim 22, further comprising the step of:

adding new information to said electronic medical records of  
said patients storing in said electronic medical record information  
5 management center system from said hospital information system.

27. An electronic medical record information management method in accordance with claim 22, further comprising the step of:

charging payment to said hospital information system for  
using said electronic medical record information management center  
5 system.

28. An electronic medical record information management method in accordance with claim 22, further comprising the steps of:

encrypting said electronic medical records when said electronic medical records are transmitted; and

5            decrypting said electronic medical records when said electronic  
medical records are received.